



W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 74033**

Tuesday, September 20, 2011 1:14:45 PM



Page 2

Item ID: D2001-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Valve Assembly (1/4")

Start Date: 9/20/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 10/4/2011 Req'd Qty: 6.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Small Fab

Small Fab

Memo

0.00

Small Fab

Remove existing ID numbers and replace with Dart P/N &amp; B/N

Signature: [Handwritten Signature]  
Date: 9/20/11

140

0.00



QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

Signature: [Handwritten Signature]

(x6)

150

0.00

Identify as per dwg & Stock Location: 2

Packaging

Memo

0.00

Packaging

Signature: [Handwritten Signature]  
Date: 9/20/11

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Page 3

Item ID: D2001-4

Accept



Setup Start



Revision ID:

Stop



Item Name: Valve Assembly (1/4")

Start Date: 9/20/2011 Start Qty: 6.00



Cust Item ID:

Required Date: 10/4/2011 Req'd Qty: 6.00



Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/10/3 [Signature]  
ME  
11-09-29

W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, September 20, 2011 1:14:39 PM

Page 1

Work Order ID: 74033



Parent Item: D2001-4



Parent Item Name: Valve Assembly (1/4")

Start Date: 9/20/2011

Required Date: 10/4/2011

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP A ☐ 04.07.06 ☐ New Issue ☐ KJ/RF ☐

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
76-101-32  VALVE		Purchased	No			110	Each	0.0000	1	6			



*Pupps (6)*

*46.804*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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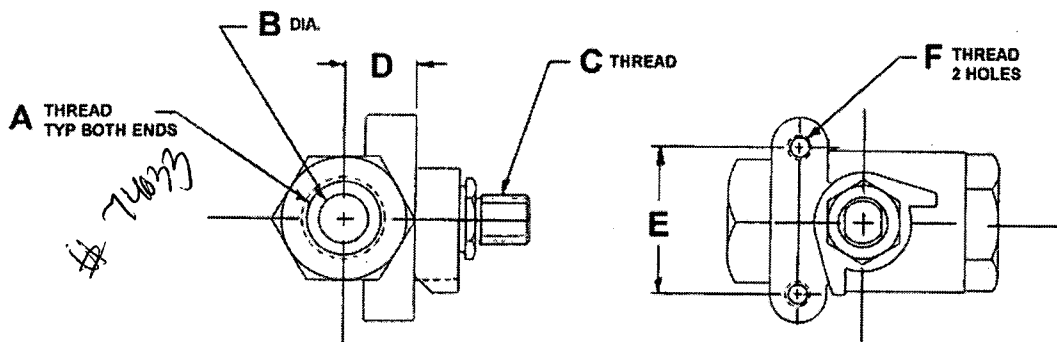




DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. D2001	REV. C SHEET 1 OF 1
DATE 04.07.06	TITLE VALVE ASSEMBLY SCALE NTS		
-	90.04.02	NEW ISSUE	
A	92.05.12	-043 ADDED	
B	96.04.10	DART P/N CHG,041-6,042-12,ADD -16	
C	04.07.06	ADD D2001-4	

RELEASED  
04.09.09

## SPECIFICATION CONTROL DRAWING



Dart P/N	Apollo P/N	A	B	C	D	E	F
D2001-4	76-101-32	1/4 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-6	76-102-01	3/8 NPT	0.370	3/8-24 NF	0.56	1.120	10-24 UNC
D2001-8	76-103-01	1/2 NPT	0.500	3/8-24 NF	0.60	1.120	10-24 UNC
D2001-12	76-104-01	3/4 NPT	0.680	7/16-20 NF	0.79	1.370	10-24 UNC
D2001-16	76-105-01	1 NPT	0.870	7/16-20	0.99	1.370	10-24 UNC

### NOTES:

- 1) POSSIBLE SUPPLIER: FLO-CONTROL INC. OR APOLLO VALVE DIVISION
- 2) DISCARD HANDLE AND ATTACHING NUT, EXCEPT FOR D2001-4
- 3) CHECK DIMENSION SHOWN ON THIS DRAWING
- 4) REFERENCE INFORMATION:  
MATERIAL: 316 STAINLESS STEEL  
INVESTMENT CAST COMPONENTS  
MEETS NACE-MR-01-75  
MEETS WW-V-35C TYPE II, COMP SS, STYLE 3  
PRESSURE RATING: 2000 PSI @ 100°F  
150 PSI @ 400°F
- 5) IDENTIFY WITH DART P/N & B/N USING FINE POINT PERMANENT INK MARKER

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO14961

Purchase Order Date 9/20/2011

PO Print Date 9/20/2011

Page Number 1 of 1

Order From :

VU-FL0001

FLO-CONTROL INC.  
80 CENTER RD.  
CARTERSVILLE, GA 30121  
US

2011-09-20-1

Contact Name

Buyer

Brigitte Golden

Vendor Phone

770 382 0006

Requisition Nbr

Vendor Fax

770 382 0161

Tax Resale Nbr

10127-2607

Vendor Account Nbr

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	76-101-32	VALVE	9/26/2011 Yes	6.00 Each	FedEx PI collect	\$48.8044	\$292.83

Special Inst: As per DWG: D2001 REv: C  
B74033

PO Total:

\$292.83

Change Nbr:

1

Change Date: 9/20/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



Manufactured by Conbraco Ind. Inc.  
P. O. Box 125 Pageland S.C. 29728  
Phone: [843] 672-6161  
Fax: [843] 672-1648  
[www.apollovalves.com](http://www.apollovalves.com)

### Certificate of Compliance

Customer: FLO-CONTROL INC

Date: 9/22/2011

PO #: 66076

Qty: 6

CO Order #: C 787533

Part #: 7610132A

Description: BV, 1/4" IPT, SS, SS TEE HNDL

*Switzer*

This is to certify that the above materials comply with the requirements of the applicable purchase order and the codes and ratings shown in our published catalog of the "Apollo" valves, manufactured by Conbraco Industries Inc. or other specification as noted above. All products have met or exceed the inspection process.

Respectfully,

*John F. Higdon*

John F. Higdon  
Corporate Quality Assurance Manager

PQA049